

AMENDMENTS TO THE CLAIMS

1-7 (Canceled)

8. (Currently Amended) A battery pack configured for receiving inductive energy for charging a battery of a host device, comprising:

a processor unit for processing computer readable data relevant to receiving the inductive energy and for processing data communications with a computer system, wherein the processor unit is programmed to operate in a polling mode;

a pickup coil ~~configured~~ controlled by the processor unit to alternate between an energized state and a de-energized stage at regular intervals while in the a-polling mode and configured for receiving the inductive energy and for receiving an inductive data communication;

a charger operatively coupled to the processor unit and the pick-up coil, ~~the~~ the charger configured to output a direct current powered by the inductive energy and relevant to the inductive data communication; and

~~an energy storage unit configured for receiving the direct current; and~~

a battery configured for receiving ~~connector for connecting the battery of the host device with the direct current, the battery of the host device being separate from the battery pack.~~

9. (Original) The battery pack in accordance with claim 8, in which the processor unit is configured to provide authentication data for inductive energy charging.

10. (Original) The battery pack in accordance with claim 8, further comprising a communications device operatively coupled to the pickup coil.

11. (Original) The battery pack in accordance with claim 10, in which the communications device is configured to receive the computer readable data and transmit the data to the pick up coil.

12. (Original) The battery pack in accordance with claim 8, in which the processor unit is configured to provide a plurality of charging parameters to a charging source which provides the inductive energy.

13. (Original) The battery pack in accordance with claim 8, in which the processor unit is configured to provide a digital security certificate to a charging source.

14. (Original) The battery pack in accordance with claim 8, in which the processor unit is configured to send data to the computer system so as to indicate it is receiving inductive energy.

15. (Original) The battery pack in accordance with claim 9, further comprising an antenna and a communications device configured to receive the computer readable data and configured to transmit the data to the antenna for wireless data communications to a charging source.

16. (Currently Amended) A computer implemented method of charging a battery with a battery pack, comprising the steps of:

receiving a polling message from a charging source, the polling message including a data structure having a header and a payload;

transmitting a request for power to the charging source responsive to the polling message; and

receiving inductive power or an inductive data communication from the charging source responsive to the transmitted request;

displaying an object on a graphical user interface, in response to ~~indicative of the step of receiving, in order to visually indicate that external~~ for indicating a type of power is being received, wherein the displayed object visually differentiates between receiving inductive power and utility power;

generating a direct current responsive to the received inductive power;
transmitting the direct current to charge a battery, ~~the battery being separate from the~~
~~battery pack.~~

17. (Original) The method in accordance with claim 16, in which the step of transmitting includes a step of transmitting charging parameters to the charging source.

18. (Original) The method in accordance with claim 16, in which the step of transmitting includes a step of transmitting authenticating data to the charging source.

19. (Original) The method in accordance with claim 16, further including a step of initiating a charger responsive to the step of receiving.

20. (Original) The method in accordance with claim 16, further including a step of transmitting data to a computer system for indicating the step of receiving inductive power.

21. (Previously Presented) The method in accordance with claim 16, wherein the step of displaying an object on a graphical user interface includes displaying an icon.

22-27 (Canceled)

28. (Previously Presented) The battery pack of claim 8 wherein the inductive data communication includes a polling message including a header and a payload.

29. (Previously Presented) The battery pack of claim 28 wherein the payload includes at least one of an operating parameter and authentication information and wherein the authentication information includes a security certificate.

30. (Previously Presented) The battery pack of claim 29, wherein the payload includes at least one of an operating parameter and authentication information and wherein the authentication information includes a digital signature.